

PENN AVIONICS, INC. 1209 Ward Ave West Chester, PA 19380  
LOG ID# 4120 23-March-2009 WOF# 14119/1 AC TT 924.2  
N26292 S/N AASA0508 GRUMMAN AASA

\*\*\*\* ITEM # 14119-1 Fab new instrument panel \*\*\*\*

DISCREPANCY: panel  
ACTION: 1. Introduction:  
Installed new pilot sub panel  
2. Description:  
Removed: Existing pilot instrument mounting sub-panel at FS 74  
Installed:  
1) New field fabricated Instrument sub panel out of 2024-T3 0.125 thick aluminum at FS16 to replace existing sub panel with various holes at FS 74  
All instrument locations are in the same locations as original panel. Mounted panel using existing attachment locations in same manner as original  
2) All work accomplished I.A.W AC43.13 1B (9/9/1998) Chapter 4 section 4, Chapter 11 section 1, 3 thru section 15, 17, 19, Chapter 12 section 1.2. The AC-43:13- 2A, Chapter 1, Par. 1.2,3, Chapter 2 Par 21,22,23,27, Chapter 3, Par 36,38.  
3. Control: n/a  
4. Service information: n/a  
5. Maintenance  
There are no periodic adjustments or maintenance with this system. maintenance will be on an onantist conditions basis.  
6. Troubleshooting: n/a  
7. Removal & Replacement: The panel can be removed by removing the mounting on the perimeter of the panel.  
8. Diagrams: See layout sheet.  
9. Special instructions: Not applicable  
10. Application of protective treatments: Not applicable  
11. Data relative: n/a  
12. List of special tools: None required  
13. For commuter category: Not applicable  
14. Recommended overhaul periods: Not applicable  
15. Airworthiness Limitations: none

PENN AVIONICS, INC. 1209 Ward Ave West Chester, PA 19380 VFAR714K  
LOG ID# 4119 23-March-2009 WOF# 14119/1 AC TT 924.2  
N26292 S/N AASA0508 GRUMMAN AASA

\*\*\*\* ITEM # 14119-3 Install new wedge light \*\*\*\*

DISCREPANCY: Install new wedge light  
ACTION: Re-located existing altimeter from pilot side to co-pilot side. Install wedge light in new location for night lighting.

\*\*\*\* ITEM # 14119-4 TRANSPONDER / STATIC SYSTEM CERT \*\*\*\*

DISCREPANCY: TRANSPONDER / STATIC SYSTEM CERT  
ACTION: Performed 24 month transponder, static system certification. Complied with FARs 91.411 & FAR 91.413 and with Part 43 Appendix E and F.

\*\*\*\* ITEM # 14119-6 Install customer provided equipment \*\*\*\*

DISCREPANCY: Install customer provided equipment  
ACTION: Remove existing KT-76A xpdr, MXI/08 and CDI. Install customer provided Beckner Mode S transponder p/n 12349. Install new CI-105 DME antenna. Install customer provided Beckner VHF XCVR p/n AR4201 s/n 15395. Interface XPDR and com to existing aircraft antennas. Ramp test XPDR per 91.413. Ramp test com on 122.85. Calculate new weight and balance, revise equipment list. Work performed IAW Beckner manuals 0591.823-071, 0894.052-071 and King KN-62A manual 006-00144-0007.

\*\*\*\* ITEM # 14119-7 Install 406 MHz ELT \*\*\*\*

DISCREPANCY: Install 406 MHz ELT  
ACTION: Removed Narco ELT10 and installed new ACK AK-451-1 ELT s/n 1128. Removed old ELT antenna replaced with new. Install wire harness from ELT to front panel remote. Installed remote ELT switch on pilot side of panel. Ramp test system with IFR NAV4000 test set. Unit operating normally and meets the requirements of 91.207. All work accomplished I.A.W Atrex ME406 install manual 570-1600 RevD and AC43.13 1B (9/9/1998) Chapter 4 section 4, Chapter 11 section 1, section 3 thru section 15, section 17, 19, Chapter 12 section 1.2. Revise weight and balance.

PENN AVIONICS, INC. 1209 Ward Ave West Chester, PA 19380  
LOG ID# 4120 23-March-2009 WOF# 14119/1 AC TT 924.2  
N26292 S/N AASA0508 GRUMMAN AASA

\*\*\*\* ITEM # 14119-2 Install instruments \*\*\*\*

DISCREPANCY: Install instruments  
ACTION: Install factory new dual scale United altimeter p/n 5934PA-3A134 s/n 472001 on pilot side panel. Leak check static system IAW FAR 23.1325 (2)(1) no problems found. Remove existing vacuum gauge and install UMAI. PMA approved vacuum gauge. Replace existing Hobbs gauge with new. Install customer supplied moving terrain mounting bracket in center avionics panel at 71. Revise aircraft weight and balance.

\*\*\*\* ITEM # 14119-5 Exchange VSI \*\*\*\*

DISCREPANCY: Exchange VSI  
ACTION: Remove existing VSI and exchange with overhauled unit p/n 7000 C.32 s/n A5910. Leak check static system IAW FAR 23.1325 (2)(1) no problems found.

ADD/IA 2822350 Peter Steilzermltler

PENN AVIONICS, INC. 1209 Ward Ave West Chester, PA 19380 VFAR714K  
LOG ID# 4119 23-March-2009 WOF# 14119/1 AC TT 924.2  
N26292 S/N AASA0508 GRUMMAN AASA

Note: Owner must register this ELT with NOAA/NESDIS. Visit <http://www.sarsat.noaa.gov>

\*\*\*\* ITEM # 14119-9 Add A/P 1/2 switch \*\*\*\*

DISCREPANCY: Add A/P 1/2 switch  
ACTION: Install autopilot 1/2 switch for sys-50 autopilot. Interface to Nav #1 position to KI-209. Interface nav#2 to pigtail, cap and stow for future use.

CRS VFAR714K Keith Dogar

